

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

AF 2123

Applicant: Colvin Examiner: Thangavelu, K.  
Serial No.: 109622,976 Group Art Unit: 2123  
Filed: July 18, 2003 Docket: 60102.0004USU1  
Confirmation No.: 3006 Halliburton #: 2002-IP-008552US  
Due Date: September 25, 2004  
Title: A System and Method for Automated Reservoir Targeting

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## Technology Center 2100

CERTIFICATE UNDER 37 CFR 1.8:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on September 23, 2004.

By: Alton  
Name: Alton Hornsby, III

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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PATENT TRADEMARK OFFICE

Sir:

We are transmitting herewith the attached:

- Transmittal Sheet in duplicate containing Certificate of Mailing
- Response and Amendment  
The fee has been calculated as shown below in the "Claims as Amended" table
- Return postcard

**CLAIMS AS AMENDED**

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers or any future reply, if appropriate. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

**MERCHANT & GOULD P.C.**  
P.O. Box 2903, Minneapolis, MN 55402-0903  
404.954.5100

By: Alton Hornsby, III  
Name: Alton Hornsby, III  
Reg. No.: 47,299  
AH



Application Serial No. 10/622,976  
Atty. Docket No. 60102.0004USU1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Colvin Atty. Docket: 60102.0004USU1  
Serial No: 09/622,976 Halliburton Docket: 2002-IP-008552US  
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Alton Hornsby III

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Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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Technology Center 2100

RESPONSE AND AMENDMENT

Dear Sir:

In response to the Non-Final Office Action mailed June 25, 2004, Applicants respectfully request entry of the following claim amendments and consideration of the following remarks addressing all points raised in the Office Action.

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 4 of this paper.

**Remarks** begin on page 13 of this paper.